

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)[Sign in](#)[Google](#) [Advanced Search](#)[Preferences](#)[Web](#)Results 1 - 4 of 4 for **bateman magini rinaldi "generalized upper model"**. (0.04 seconds)

Tip: Try removing quotes from your search to get more results.

What Are Ontologies, and Why Do We Need Them?

7 J.A. Bateman B. Magini and F. Rinaldi, "The Generalized Upper Model," <i>Working Papers 1994 European Conf. Artificial Intelligence (ECAI '94) Workshop on ...
portal.acm.org/citation.cfm?id=630436 - [Similar pages](#)

[PDF] [What Are Ontologies, And Why Do We Need Them? - IEEE Intelligent ...](#)

File Format: PDF/Adobe Acrobat

J.A. **Bateman**, B. **Magini**, and F. **Rinaldi**, 'The Generalized Upper Model,' Working Papers. 1994 European Con5 Artificial Intelligence ...
ieeexplore.ieee.org/iel4/5254/16144/00747902.pdf - [Similar pages](#)

Studer, Rudi; Benjamins, Richard; Fensel, Dieter: Knowledge ...

A. **Bateman**, B. **?Magini**, and F. **?Rinaldi**, The Generalized Upper Model, in: N. **?J. ?I. Mars**, editor, Working Papers European Conference on Artificial Intelligence ...
www.ubka.uni-karlsruhe.de/indexer-vvv/1997/wiwi/33 - 126k - [Cached](#) - [Similar pages](#)

[PDF] [Eine modulare Kontrollarchitektur für den Hol- und Bringdienst von ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Bateman et al. 1994 **Bateman**, J. A. ; **Magini**, B. ; **Rinaldi**, F. : The Generalized Upper Model. In: Working Papers 1994, European Conference on Artificial ...
elib.uni-stuttgart.de/opus/volltexte/2005/2226/pdf/Diss_Hans_hs.pdf - [Similar pages](#)

In order to show you the most relevant results, we have omitted some entries very similar to the 4 already displayed.

If you like, you can repeat the search with the omitted results included.

Try [Google Desktop](#): search your computer as easily as you search the web.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

[Google](#)

wielinga schreiber kads

[Search](#)

[Advanced Search](#)
[Preferences](#)

[Web](#) [Books](#)

Results 1 - 10 of about 21,000 for **wielinga schreiber kads**. (0.07 seconds)

(ML)²: A formal language for KADS models of expertise (ResearchIndex)

118 **KADS**: A modelling approach to knowledge engineering (context) - **Wielinga, Schreiber et al.** - 1992

118 **KADS**: A modelling approach to knowledge ...

citeseer.ist.psu.edu/vanharmelen93ml.html - 25k - [Cached](#) - [Similar pages](#)

Modeling Expertise Using KADS and MODEL-ECS (ResearchIndex)

The Knowledge Analysis and Design Support **KADS** **Schreiber, Wielinga**, and Breuker, methodology is adopted in carrying out the knowledge modeling activity, ...

citeseer.ist.psu.edu/413757.html - 21k - [Cached](#) - [Similar pages](#)

[More results from [citeseer.ist.psu.edu](#)]

KADS: A Principled Approach to Knowledge-Based System Development - Google Books

Result

by Guus (**Schreiber, Bob** (**Wielinga** - 1993 - 457 pages

Describes **KADS** from its Theoretical Basis, through Language and Tool Developments, to real Applications. **kads** **wielinga** **breuker** **bredeweg** **wielemaker** **karbach** ...

[books.google.com/books?isbn=0126290407...](#)

KADS

KADS: a modelling approach to knowledge engineering ... **A. Th. Schreiber, B. J. Wielinga**.

R. Winkels. H. P. de Greef. A. Th. **Schreiber**: J. M. Akkermans ...

[portal.acm.org/citation.cfm?id=170647&](#)

dl=ACM&coll=GUIDE&CFID=15151515&CFTOKEN=6184618 - [Similar pages](#)

Home page Guus Schreiber

Guus **Schreiber**, Bob **Wielinga**, and Joost Breuker, editors. **KADS**: A Principled Approach to Knowledge-Based System Development, volume 11 of Knowledge-Based ...

[www.cs.vu.nl/~guus/](#) - 32k - [Cached](#) - [Similar pages](#)

The KADS approach to knowledge engineering. Editorial special issue

The article by **Wielinga, Schreiber** and Breuker is meant to serve as an overview article of the main ideas behind **KADS**. The **KADS** approach is presented ...

[www.cs.vu.nl/~guus/papers/Schreiber92a.html](#) - 13k - [Cached](#) - [Similar pages](#)

[PS] [SWB93] G. Schreiber, B. Wielinga, and J. Breuker (eds.): KADS. A ...

File Format: Adobe PostScript - [View as Text](#)

[SWB93] G. **Schreiber**, B. **Wielinga**, and J. Breuker (eds.): **KADS**. A Principled Approach to Knowledge-Based System Development, Knowledge-Based Systems, ...

[www.dfki.uni-kl.de/~aabecker/Freiburg/Final/Decker/decker.ps](#) - [Similar pages](#)

Top Page

Comparing **KADS** to conventional software engineering. In A. Th. **Schreiber**, B. J.

Wielinga, and J. A. Breuker, editors, **KADS**: A Principled Approach to ...

[hcs.science.uva.nl/projects/CommonKADS/Papers.html](#) - 9k - [Cached](#) - [Similar pages](#)

Top Page

Chapter 1: Introduction and Overview (Guus **Schreiber**, Bob **Wielinga** and Joost ... Using **KADS** to Analyse Problem-Solving Methods (Guus **Schreiber**, Bob **Wielinga** ...

[hcs.science.uva.nl/usr/wielinga/abstracts/Schreiber:93a.html](#) - 4k - [Cached](#) - [Similar pages](#)

[More results from hcs.science.uva.nl]

Modelling Expertise Using **KADS and MODEL-ECS**

The Knowledge Analysis and Design Support (**KADS**) (**Schreiber, Wielinga**, and Breuker, ... **KADS** (**Wielinga, Schreiber** and Breuker, 1992), CG-DESIRE (Moller and ...
ksi.cpsc.ucalgary.ca/KAW/KAW98/floresmendez/ - 38k - Cached - [Similar pages](#)

1 2 3 4 5 6 7 8 9 10 [Next](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)[Sign in](#)**Google**[Advanced Search Preferences](#)**Web**Results 1 - 10 of about 650 for **mcdermott "preliminary steps toward"**. (0.06 seconds)

Preliminary steps toward a taxonomy of problem-solving methods

Preliminary steps toward a taxonomy of problem-solving methods ... John McDermott:

Judith Bachant. Joel Bentolila. Carlos Bhola. Gilbert Caplain ...

portal.acm.org/citation.cfm?coll=GUIDE&dl=GUIDE&id=170651 - Similar pages

Preliminary steps toward a taxonomy of problem-solving methods

Preliminary steps toward a taxonomy of problem-solving methods. Source, Readings in knowledge acquisition and learning: automating the construction and ...

portal.acm.org/citation.cfm?id=170641.170651 - Similar pages

[More results from portal.acm.org]

LIDOS BibTeX Database File Buchanan_a25697-741.bib

@incollection{McDermott93, AUTHOR = {J. McDermott}, TITLE = {Preliminary Steps

toward a Taxonomy of Problem-Solving Methods}, YEAR = 1993, ...

www.dfg.uni-sb.de/imedia/lidos/bibtex/Buchanan_a25697-741.html - 26k -

Cached - Similar pages

ScienceDirect - Knowledge-Based Systems : Toward truly intelligent ...

J. McDermott, Preliminary steps toward a taxonomy of problem solving methods. In: S.

Marcus, Editor, Automating Knowledge Acquisition for Expert Systems, ...

linkinghub.elsevier.com/retrieve/pii/S095070519800032X - Similar pages

Acquiring Knowledge in Soar

[2] **J. McDermott, "Preliminary Steps toward a Taxonomy of Problem-Solving Methods,"**

inAutomating Knowledge Acquisition for Expert Systems, S. Marcus, ed., ...

csdl.computer.org/comp/mags/ex/1993/03/x3026abs.htm - Similar pages

Method for generating a multi-strata model and an intellectual ...

J. McDermott, "Preliminary Steps toward a Taxonomy of Problem-Solving Methods,"

Automating Knowledge Acquisition for Expert Systems, (Edited by S. Marcus) ...

www.patentstorm.us/patents/6171109-claims.html - 23k - Cached - Similar pages

[PS] References

File Format: Adobe PostScript - [View as Text](#)

McDermott, J., Preliminary Steps Toward a Taxonomy of Problem-. Solving Methods. Pp.

225-256 in [Marc88a]. MFC88. Musen, M.A. & Fagan, L.M. & Combs, ...

users.tkk.fi/~pparpola/lt/refs.ps - Similar pages

CS270 / BIOMEDIN210 : Fundamental Methods Course Homepage

McDermott J. Preliminary steps toward a taxonomy of problem-solving methods. In

Marcus S, (ed.), Automating Knowledge Acquisition for Expert ...

www.stanford.edu/class/cs270/coursework/syllabus.html - 19k - Cached - Similar pages

The PSM Tab: Related Publications

McDermott, J. (1988). Preliminary steps toward a taxonomy of problem-solving methods.

Automatic knowledge for acquisition for expert systems. ...

protege.stanford.edu/plugins/psmtab/psmtab_publications.html - 27k -

Cached - Similar pages

Libra: preliminary steps toward a taxonomy of problem-solving methods
preliminary steps toward a taxonomy of problem-solving methods(1988) (Citation:71). j.
Mcdermott. Live Search. About Libra | Windows Live Academic | ...
libra.msra.cn/paperdetail.aspx?id=967975 - 7k - Supplemental Result -
Cached - Similar pages

1 2 3 4 5 6 7 8 9 10 **Next**

Try [Google Desktop](#): search your computer as easily as you search the web.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)[Sign in](#)**Google** [Advanced Search Preferences](#)**Web** Results 1 - 10 of about 135 for mcdermott "preliminary steps toward" filetype:pdf. (0.34 seconds)

Tip: Save time by hitting the return key instead of clicking on "search"

[PDF] [Flexible Knowledge Acquisition Through Explicit Representation of ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)**[McDermott 1988] McDermott, J.** "Preliminary steps toward a taxonomy of problem solving methods," in Automating. Knowledge-acquisition for expert systems ...www.isi.edu/expect/link/papers/swartout-gil-sss96.pdf - [Similar pages](#)**[PDF] [Modern Architectures for Intelligent Systems: Reusable Ontologies ...](#)**File Format: PDF/Adobe Acrobat - [View as HTML](#)**McDermott J.** Preliminary steps toward a. taxonomy of problem-solving methods. In Marcus. S. (ed), Automatic knowledge for acquisition for. expert systems. ...smi.stanford.edu/smi-web/reports/SMI-98-0734.pdf - [Similar pages](#)**[PDF] [An epistemological framework for medical knowledge-based systems ...](#)**

File Format: PDF/Adobe Acrobat

J. McDermott, "Preliminary steps toward a taxonomy of problem solving. methods," in Automating Knowledge Acquisition for Expert Systems, S. ...ieeexplore.ieee.org/iel1/21/5184/00199462.pdf?arnumber=199462 - [Similar pages](#)**[PDF] [Towards ontology construction for an industrial domain - Cognitive ...](#)**

File Format: PDF/Adobe Acrobat

[8] J. McDermott, "Preliminary steps toward a. taxonomy of problem-solving methods", In: Marcus S., editor, Automating Knowledge Acquisition for Expert ...ieeexplore.ieee.org/iel5/9252/29351/01327471.pdf?arnumber=1327471 - [Similar pages](#)

[More results from ieeexplore.ieee.org]

[PDF] [0.1. Introduction](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)**McDermott, J.**, Preliminary Steps Toward a Taxonomy of Problem-Solving Methods., in Automating Knowledge Acquisitionfor Expert Systems, S. Marcus, Editor. ...cns2.uni.edu/~wallingf/patterns/papers/david.pdf - [Similar pages](#)**[PDF] [A Problem Space Approach to Expert System Specification](#)**File Format: PDF/Adobe Acrobat - [View as HTML](#)**McDermott, J. (1988).** Preliminary steps toward a. taxonomy of problem-solving methods.

In Marcus., S. (Ed.), Automating. Knowledge Acquisition for ...

dli.iit.ac.in/ijcai/IJCAI-89-VOL1/PDF/099.pdf - [Similar pages](#)**[PDF] [REUSE: REVISITING SISYPHUS-VT](#)**File Format: PDF/Adobe Acrobat - [View as HTML](#)**McDermott, J.**, Preliminary Steps Toward a Taxonomy of Problem-Solving Methods.

Automatic Knowledge for Acquisition for Expert Systems, 1998: p. 225-254. ...

www.csd.abdn.ac.uk/~sleeman/published-papers/publications-2006/p165-EKAW06-TrevorR.pdf - [Similar pages](#)**[PDF] [13th BILETA Conference: 'The Changing Jurisdiction'](#)**File Format: PDF/Adobe Acrobat - [View as HTML](#)**McDermott, J. (1988).** Preliminary Steps Toward a Taxonomy of Problem-Solving Methods., Automating Knowledge Acquisition for Expert Systems, S. Marcus (ed. ...

www.bileta.ac.uk/Document%20Library/1/Implicit%20Assumptions%20in%20Legal%20Knowledge%20Systems.pdf - [Similar pages](#)

[PDF] [A theory and architecture for automating performance diagnosis](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

[19] J. McDermott, **Preliminary steps toward** a taxonomy of problem-solving methods, in: S. Marcus (Ed.), *Automating Knowledge Acquisition for Expert ...*

www.cs.uoregon.edu/research/paracomp/papers/fgcs01/fgcs01.pdf - [Similar pages](#)

[PDF] [EFERENCES](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

McDermott J. (1988) **Preliminary steps toward** a taxonomy of problem-solving meth-. ods.

In: Knowledge acquisition for Expert Systems (ed Marcus S.) 225-256. ...

dissertations.ub.rug.nl/FILES/faculties/management/2003/h.l.t.wanders/referenc.pdf -

[Similar pages](#)

1 [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [Next](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

Web Images Video News Maps Gmail more ▾

Sign in

Google

"generic tasks in knowledge based reasoning" Advanced Search Preferences

Web Results 1 - 10 of about 697 for "generic tasks in knowledge based reasoning" abstraction. (0.10 seconds)

Generic tasks in knowledge-based reasoning: a level of abstraction ...

Generic tasks in knowledge-based reasoning: a level of abstraction that supports knowledge acquisition, system design and explanation ...
portal.acm.org/citation.cfm?id=12810&jmp=indexterms&dl=portal&id=ACM - Similar pages

Fabricating Composite Materials-A Comprehensive Problem-Solving ...

Abstract. A problem-solving architecture that addresses the entire life cycle of ... [9] B. Chandrasekaran, "Generic Tasks in Knowledge-Based Reasoning: ...
csdl.computer.org/comp/mags/ex/1992/02/x2043abs.htm - Similar pages

Modeling Domain Knowledge Using Explicit Conceptualization

[19] T. Bylander and B. Chandrasekaran, "Generic Tasks in Knowledge-Based Reasoning: The Right Level of Abstraction for Knowledge Acquisition," inKnowledge ...
csdl.computer.org/comp/mags/ex/1994/05/x5053abs.htm - Similar pages
[More results from csdl.computer.org]

[PDF] Task-Structures, Knowledge Acquisition and Learning

File Format: PDF/Adobe Acrobat
may be available for hypothesis evaluation by evidence abstraction as Generic tasks in knowledge-based reasoning; High-level building blocks for expert ...
www.springerlink.com/index/JG83873K51538088.pdf - Similar pages

[PDF] The need for task ontologies in interoperable GIS

File Format: PDF/Adobe Acrobat - [View as HTML](#)
abstraction: The directions for a pedestrian yield different objects CHANDRASEKARAN, B., 1986, Generic tasks in knowledge-based reasoning: high- ...
e-collection.ethbib.ethz.ch/show?type=bericht&nr=169&part=text - Similar pages

[PS] The Challenge of Deep Models, Inference Structures, and Abstract Tasks

File Format: Adobe PostScript - [View as Text](#)
to do some abstraction. Abstraction is done on three levels: the factual
Chandrasekaran B. (1986): Generic Tasks in Knowledge-Based Reasoning: ...
www.ofai.at/cgi-bin/get-tr?download=1&paper=oefai-tr-90-17.ps.gz - Similar pages

Generic Tasks and Task Structures: History, Critique and New ...

Abstract: . We have for several years been working on an approach to knowledge system ... 97 Generic tasks in knowledge-based reasoning: High-level build. ...
citeseer.ist.psu.edu/454488.html - 33k - [Cached](#) - Similar pages

IRList Digest Wednesday, 8 October 1986 Volume 2 : Issue 50 ...

A friend of mine is interested in automated text abstraction. ... NE43-512A Generic Tasks in Knowledge-Based Reasoning: Characterizing and Designing Expert ...
www.acm.org/sigs/sigir/sigirlist/issues/1986/86-2-50 - 13k - [Cached](#) - Similar pages

Case-Based Reasoning: A Review (published in The Knowledge ...

Abstraction and respecialisation, a general structural adaptation Generic tasks in knowledge-based reasoning: high level building blocks for expert ...
www.ai-cbr.org/classroom/cbr-review.html - 124k - [Cached](#) - Similar pages

[An Analytic Framework for Space–Time Aberrancy Detection in Public ...](#)
Chandrasekaran B. **Generic tasks in knowledge-based reasoning:** High-level building
blocks ... RASTA: A Distributed Temporal **Abstraction** System to facilitate ...
www.ncbi.nlm.nih.gov/pmc/articles/1479968/ - Similar pages

1 [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

Download [Google Pack](#): free essential software for your PC

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

Google

generic tasks in knowledge based reasoning Advanced Search Preferences

Web Results 1 - 10 of about 381 for "**generic tasks in knowledge based reasoning**" "high level building blocks"

Generic tasks in knowledge-based reasoning

Generic tasks in knowledge-based reasoning: high-level building blocks for expert system design. Source, Readings in knowledge acquisition and learning: ... portal.acm.org/citation.cfm?id=170641.170652&coll=GUIDE&dl=guide&CFID=15151515&CFTOKEN=61... - [Similar pages](#)

[PDF] [Task-Structures, Knowledge Acquisition and Learning](#)

File Format: PDF/Adobe Acrobat

Generic tasks in knowledge-based reasoning; High-level building blocks for expert system design. IEEE Expert, 1, 23-30. Chandrasekaran, B. 1987. ... www.springerlink.com/index/JG83873K51538088.pdf - [Similar pages](#)

[Submitted to 1993 OOPSLA Workshop on Object-Oriented Reflection ...](#)

Chandrasekaran, B., 1986, **Generic Tasks in Knowledge-Based Reasoning: High-Level Building Blocks** for Expert System Design, IEEE Expert, 1(3). ... www.laputan.org/pub/washington/text/chang.txt - 13k - Cached - [Similar pages](#)

[Fabricating Composite Materials-A Comprehensive Problem-Solving ...](#)

[9] B. Chandrasekaran, "Generic Tasks in Knowledge-Based Reasoning: High-Level Building Blocks for Expert-System Design,"IEEE Expert, Vol.1, No. ... csdl.computer.org/comp/mags/ex/1992/02/x2043abs.htm - [Similar pages](#)

[Building Knowledge Models Using KSM](#)

[Chandrasekaran, 86] Chandrasekaran, B.: "Generic Tasks in Knowledge Based Reasoning: High Level Building Blocks for Expert Systems Design". ... ksi.cpsc.ucalgary.ca/KAW/KAW96/molina/kaw_demo.html - 28k - Cached - [Similar pages](#)

[Cautare](#)

...generic tasks in knowledge-based reasoning: high-level building blockshigh-level building blocks for expert system design. 1(3), ... www.ici.ro/new_ici/prezentare/search_copy.php?page=9294&pas= - 11k - Cached - [Similar pages](#)

[References](#)

Generic tasks in knowledge-based reasoning: High level building blocks for expert system design. IEEE Expert, 1(3):23-30, 1986. 8: B. Chandrasekaran. ... arti.vub.ac.be/memos/AI-Memo-93-09/bibliography3.10.html - 12k - Cached - [Similar pages](#)

[Notes on](#)

Generic tasks in knowledge-based reasoning: High-level building blocks for expert system design. IEEE Expert 1(3):23-29. Clancey, W. J. 1989a. ... cogprints.org/293/00/127.htm - 17k - Cached - [Similar pages](#)

[References](#)

Generic tasks in knowledge based reasoning: High level building blocks for expert system design. IEEE Expert, 1(3):23--30, 1986. ... hcs.science.uva.nl/usr/beys/research/node17.html - 9k - Cached - [Similar pages](#)

[Balakrishnan Chandrasekaran](#)

B. Chandrasekaran, **Generic tasks in knowledge-based reasoning: High-level building blocks** for expert systems design, IEEE Expert, 1, 3, 23-30, 1986. ...
www.cse.ohio-state.edu/~chandra/ - 29k - [Cached](#) - [Similar pages](#)

1 [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

Download [Google Pack](#): free essential software for your PC

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: The ACM Digital Library The Guide

[The ACM DIGITAL LIBRARY](#)
[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
[DL Home](#) → [Proceedings](#) → → → [Citation](#)

Generic tasks in knowledge-based reasoning: a level of abstraction that supports knowledge acquisition, system design and explanation

Full text [Pdf \(406 KB\)](#)

Source [International Symposium on Methodologies for Intelligent Systems](#) [archive](#)
[Proceedings of the ACM SIGART international symposium on Methodologies for intelligent systems](#) [table of contents](#)
 Knoxville, Tennessee, United States
 Pages: 2 - 7
 Year of Publication: 1986
 ISBN: 0-89791-206-3

Author [B Chandrasekaran](#) Laboratory for Artificial Intelligence Research, Department of Computer and Information Science, The Ohio State University, Columbus, Ohio

Sponsor [SIGART](#): ACM Special Interest Group on Artificial Intelligence

Publisher ACM Press New York, NY, USA

Additional Information: [references](#) [index terms](#) [collaborative colleagues](#) [peer to peer](#)

Tools and Actions: [Find similar Articles](#) [Review this Article](#)
[Save this Article to a Binder](#) [Display Formats: BibTex](#) [EndNote](#) [ACM Ref](#)

DOI Bookmark: Use this link to bookmark this Article: <http://doi.acm.org/10.1145/12808.12810>
[What is a DOI?](#)

↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

- 1 Brown, D.C. / Chandrasekaran, B. Expert Systems for a Class of Mechanical Design Activity. 1984 Paper for IFIP WG5.2 Working Conference, September, 1984.
- 2 Chandrasekaran, B. / Mittal, S. / Gomez, F. / Smith M.D., J. An Approach to Medical Diagnosis Based on Conceptual Structures. Proceedings of the 6th International Joint Conference on Artificial Intelligence :134-142, August, 1979. IJCAI 1979.
- 3 Chandrasekaran, B. / Mittal, S. Conceptual Representation of Medical Knowledge for Diagnosis by Computer: MDX and Related Systems. In M. Yovits (editor), Advances in Computers, pages 217-293. Academic Press, 1983.
- 4 Chandrasekaran, B. Towards a Taxonomy of Problem-Solving Types. AI Magazine 4(1):9-17, Winter/Spring, 1983.
- 5 Clancey, William J. The Epistemology of a Rule-Based Expert System--a Framework for Explanation. Artificial Intelligence 20(3):215-251, May, 1983.

- 6 Josephson, John R. / Chandrasekaran, B. / Smith, J.W. Assembling the Best Explanation. In Proceedings of the IEEE Workshop on Principles of Knowledge-Based Systems. IEEE Computer Society, Denver, Colorado, December 3-4, 1984. A revised version by the same title is now available.
- 7 McDermott, J. Ri: A Rule-Based Configurer of Computer Systems. Artificial Intelligence 19, Issue 1, 39-88, 1982.
- 8 Shortliffe, E.H. Computer-based Medical Consultations: MYCIN. Elsevier/North-Holland Inc., 1976.
- 9 Szolovits, P./ Pauker, S. G. Categorical and Probabilistic Reasoning in Medical Diagnosis. Artificial Intelligence, :115-144, 1978.

↑ INDEX TERMS

Classification:

- I. Computing Methodologies
- ↳ I.2 ARTIFICIAL INTELLIGENCE

General Terms:

Design

↑ Collaborative Colleagues:

B Chandrasekaran: R W Milne

↑ Peer to Peer - Readers of this Article have also read:

- Data structures for quadtree approximation and compression **Communications of the ACM** 28, 9 Hanan Samet
- A hierarchical single-key-lock access control using the Chinese remainder theorem **Proceedings of the 1992 ACM/SIGAPP Symposium on Applied computing** Kim S. Lee , Huizhu Lu , D. D. Fisher
- The GemStone object database management system **Communications of the ACM** 34, 10 Paul Butterworth , Allen Otis , Jacob Stein
- Putting innovation to work: adoption strategies for multimedia communication systems **Communications of the ACM** 34, 12 Ellen Francik , Susan Ehrlich Rudman , Donna Cooper , Stephen Levine
- An intelligent component database for behavioral synthesis **Proceedings of the 27th ACM/IEEE conference on Design automation** Gwo-Dong Chen , Daniel D. Gajski

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

Web Images Video News Maps Gmail more ▾

Sign in

Google

"generic tasks in knowledge based reasoning" Search Advanced Search Preferences

Web Results 1 - 10 of about 789 for "generic tasks in knowledge based reasoning". (0.09 seconds)

Generic tasks in knowledge-based reasoning

Generic tasks in knowledge-based reasoning: high-level building blocks for expert system design. Source, Readings in knowledge acquisition and learning: ... portal.acm.org/citation.cfm?id=170641.170652&coll=GUIDE&dl=guide&CFID=15151515&CFTOKEN=61... - [Similar pages](#)

: , Generic tasks in knowledge-based ...

Generic tasks in knowledge-based reasoning: a level of abstraction that supports knowledge acquisition, system design and explanation ... portal.acm.org/citation.cfm?id=12808.12810&coll=ACM&dl=ACM&type=series&idx=12808&part... - [Similar pages](#)
[[More results from portal.acm.org](#)]

[PDF] Knowledge based systems approaches to control - Intelligent ...

File Format: PDF/Adobe Acrobat

Chandrasekaren, B. "Generic Tasks in Knowledge Based Reasoning: High. Level Building Blocks for Expert System Design", IEEE. ExpertFa111986,pp23-30. ... ieeexplore.ieee.org/iel3/1731/4566/00181125.pdf?arnumber=181125 - [Similar pages](#)

Generic Tasks and Task Structures: History, Critique and New ...

97 **Generic tasks in knowledge-based reasoning:** High-level build.. (context) - Chandrasekaran - 1986 90 Abductive Inference Models for Diagnostic ... citeseer.ist.psu.edu/454488.html - 33k - [Cached](#) - [Similar pages](#)

Fabricating Composite Materials-A Comprehensive Problem-Solving ...

[9] B. Chandrasekaran, "Generic Tasks in Knowledge-Based Reasoning: High-Level Building Blocks for Expert-System Design,"IEEE Expert, Vol.1, No. ... csdl.computer.org/comp/mags/ex/1992/02/x2043abs.htm - [Similar pages](#)

Modeling Domain Knowledge Using Explicit Conceptualization

[19] T. Bylander and B. Chandrasekaran, "Generic Tasks in Knowledge-Based Reasoning: The Right Level of Abstraction for Knowledge Acquisition," inKnowledge ... csdl.computer.org/comp/mags/ex/1994/05/x5053abs.htm - [Similar pages](#)

[PDF] Task-Structures, Knowledge Acquisition and Learning

File Format: PDF/Adobe Acrobat

Generic tasks in knowledge-based reasoning: High-level building blocks for expert system design. IEEE Expert, 1, 23-30. Chandrasekaran, B. 1987. ... www.springerlink.com/index/JG83873K51538088.pdf - [Similar pages](#)

[PDF] Generating Intelligent Tutoring Systems from Reusable Components ...

File Format: PDF/Adobe Acrobat

Generic tasks in knowledge-based reasoning: high-level building. blocks for expert system design. IEEE Expert 1(3):23-30. 8. Chandrasekaran, B. and J.R.J.R. ... www.springerlink.com/index/kqckudwnk5arlqcj.pdf - [Similar pages](#)
[[More results from www.springerlink.com](#)]

[PDF] The need for task ontologies in interoperable GIS

File Format: PDF/Adobe Acrobat - [View as HTML](#)

CHANDRASEKARAN, B., 1986, **Generic tasks in knowledge-based reasoning:** high-.

level building blocks for expert system design. IEEE Expert, 1 (3), 23-30. ...
e-collection.ethbib.ethz.ch/show?type=bericht&nr=169&part=text - [Similar pages](#)

Future directions in knowledge-based systems

Generic tasks in knowledge-based reasoning. IEEE Expert , 1(3):23-30, 1986. Clancey
1981. W. Clancey, NEOMYCIN: Reconfiguring a rule-based expert system for ...
www.acm.org/pubs/citations/journals/surveys/1996-28-4es/a13-swartout/ - 30k -
[Cached](#) - [Similar pages](#)

1 2 3 4 5 6 7 8 9 10 [Next](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

[Search](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Help](#)

Welcome United States Patent and Trademark Office

 [Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#) [e-mail](#)

Results for "(chandrasekaran b.<in>au)"

Your search matched 34 of 1585504 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.» [Search Options](#)[View Session History](#)[New Search](#)

Modify Search

(chandrasekaran b.<in>au)

 Check to search only within this results setDisplay Format: Citation Citation & Abstract» [Key](#)

IEEE JNL IEEE Journal or Magazine

[Select All](#) [Deselect All](#)

IET JNL IET Journal or Magazine

1. Quantization Complexity and Independent Measurements

Chandrasekaran, B.; Jain, A.K.;
Computers, IEEE Transactions on
Volume C-23, Issue 1, Jan. 1974 Page(s):102 - 106
[AbstractPlus](#) | Full Text: [PDF\(992 KB\)](#) IEEE JNL
[Rights and Permissions](#)

2. Stochastic Automata Games

Chandrasekaran, B.; Shen, D.W.C.;
Systems Science and Cybernetics, IEEE Transactions on
Volume 5, Issue 2, April 1969 Page(s):145 - 149
Digital Object Identifier 10.1109/TSSC.1969.300206
[AbstractPlus](#) | Full Text: [PDF\(1080 KB\)](#) IEEE JNL
[Rights and Permissions](#)

3. On Expediency and Convergence In Variable-Structure Automata

Chandrasekaran, B.; Shen, D.W.C.;
Systems Science and Cybernetics, IEEE Transactions on
Volume 4, Issue 1, March 1968 Page(s):52 - 60
Digital Object Identifier 10.1109/TSSC.1968.300188
[AbstractPlus](#) | Full Text: [PDF\(2324 KB\)](#) IEEE JNL
[Rights and Permissions](#)

4. Guest Editorial Special Collection on Program Testing

Chandrasekaran, B.;
Software Engineering, IEEE Transactions on
Volume SE-6, Issue 3, May 1980 Page(s):233 - 235
[AbstractPlus](#) | Full Text: [PDF\(1648 KB\)](#) IEEE JNL
[Rights and Permissions](#)

5. Knowledge and Control for a Mechanical Design Expert System

Brown, D.C.; Chandrasekaran, B.;
Computer
Volume 19, Issue 7, July 1986 Page(s):92 - 100
[AbstractPlus](#) | Full Text: [PDF\(8320 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 6. Patrec: A Knowledge-Directed Database for a Diagnostic Expert
Mittal, S.; Chandrasekaran, B.; Sticklen, J.;
Computer
Volume 17, Issue 9, Sept. 1984 Page(s):51 - 58
[AbstractPlus](#) | Full Text: [PDF\(5736 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 7. Interval Average Sampling
Chandrasekaran, B.;
Communications, IEEE Transactions on [legacy... pre - 1988]
Volume 17, Issue 2, Apr 1969 Page(s):331 - 332
[AbstractPlus](#) | Full Text: [PDF\(224 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 8. Comments on 'On the mean accuracy of statistical pattern recognizers' by Hughes, G. F.
Abend, K.; Harley, T.; Chandrasekaran, B.; Hughes, G.;
Information Theory, IEEE Transactions on
Volume 15, Issue 3, May 1969 Page(s):420 - 423
[AbstractPlus](#) | Full Text: [PDF\(624 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 9. A finite-memory deterministic algorithm for the symmetric hypothesis testing problem
Chandrasekaran, B.; Chun Lam;
Information Theory, IEEE Transactions on
Volume 21, Issue 1, Jan 1975 Page(s):40 - 44
[AbstractPlus](#) | Full Text: [PDF\(680 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 10. Reply to 'Finite memory hypothesis testing—Comments on a critique' by Cover, T. M., and H. Chandrasekaran, B.;
Information Theory, IEEE Transactions on
Volume 17, Issue 1, Jan 1971 Page(s):104 - 105
[AbstractPlus](#) | Full Text: [PDF\(336 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 11. Finite-memory hypothesis testing—A critique (Corresp.)
Chandrasekaran, B.;
Information Theory, IEEE Transactions on
Volume 16, Issue 4, Jul 1970 Page(s):494 - 496
[AbstractPlus](#) | Full Text: [PDF\(584 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 12. Correction to 'Independence of Measurements and the Mean Recognition Accuracy'
Chandrasekaran, B.;
Information Theory, IEEE Transactions on
Volume 18, Issue 1, Jan 1972 Page(s):217 - 217
[AbstractPlus](#) | Full Text: [PDF\(120 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 13. Independence of measurements and the mean recognition accuracy
Chandrasekaran, B.;
Information Theory, IEEE Transactions on
Volume 17, Issue 4, Jul 1971 Page(s):452 - 456
[AbstractPlus](#) | Full Text: [PDF\(728 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 14. Finite memory multiple hypothesis testing: Close-to-optimal schemes for Bernoulli problem
Chandrasekaran, B.; Lakshmanan, K.;

[Information Theory, IEEE Transactions on](#)
Volume 24, Issue 6, Nov 1978 Page(s):755 - 759
[AbstractPlus | Full Text: PDF\(616 KB\) IEEE JNL](#)
[Rights and Permissions](#)

- 15. **On finite memory solutions to the two-armed bandit problem (Corresp.)**
Lakshmanan, K.; Chandrasekaran, B.;
[Information Theory, IEEE Transactions on](#)
Volume 24, Issue 2, Mar 1978 Page(s):244 - 248
[AbstractPlus | Full Text: PDF\(792 KB\) IEEE JNL](#)
[Rights and Permissions](#)
- 16. **From numbers to symbols to knowledge structures: artificial intelligence perspectives on th**
Chandrasekaran, B.; Goel, A.;
[Systems, Man and Cybernetics, IEEE Transactions on](#)
Volume 18, Issue 3, May-June 1988 Page(s):415 - 424
Digital Object Identifier 10.1109/21.7491
[AbstractPlus | Full Text: PDF\(1136 KB\) IEEE JNL](#)
[Rights and Permissions](#)
- 17. **Hierarchical classification: Its usefulness for diagnosis and sensor validation**
Chandrasekaran, B.; Punch, W.F., III;
[Selected Areas in Communications, IEEE Journal on](#)
Volume 6, Issue 5, June 1988 Page(s):884 - 891
Digital Object Identifier 10.1109/49.640
[AbstractPlus | Full Text: PDF\(804 KB\) IEEE JNL](#)
[Rights and Permissions](#)
- 18. **Explaining control strategies in problem solving**
Chandrasekaran, B.; Tanner, M.C.; Josephson, J.R.;
[Expert, IEEE \[see also IEEE Intelligent Systems and Their Applications\]](#)
Volume 4, Issue 1, Spring 1989 Page(s):9 - 15, 19-24
Digital Object Identifier 10.1109/64.21896
[AbstractPlus | Full Text: PDF\(1292 KB\) IEEE JNL](#)
[Rights and Permissions](#)
- 19. **Explanations in knowledge systems: the role of explicit representation of design knowledge**
Chandrasekaran, B.; Swartout, W.;
[Expert, IEEE \[see also IEEE Intelligent Systems and Their Applications\]](#)
Volume 6, Issue 3, June 1991 Page(s):47 - 49
Digital Object Identifier 10.1109/64.87684
[AbstractPlus | Full Text: PDF\(244 KB\) IEEE JNL](#)
[Rights and Permissions](#)
- 20. **Models versus rules, deep versus compiled content versus form: some distinctions in know research**
Chandrasekaran, B.;
[Expert, IEEE \[see also IEEE Intelligent Systems and Their Applications\]](#)
Volume 6, Issue 2, April 1991 Page(s):75 - 79, 91-2
Digital Object Identifier 10.1109/64.79713
[AbstractPlus | Full Text: PDF\(584 KB\) IEEE JNL](#)
[Rights and Permissions](#)
- 21. **Functional representation as design rationale**
Chandrasekaran, B.; Goel, A.K.; Iwasaki, Y.;
[Computer](#)
Volume 26, Issue 1, Jan. 1993 Page(s):48 - 56
Digital Object Identifier 10.1109/2.179157

[AbstractPlus](#) | Full Text: [PDF\(976 KB\)](#) IEEE JNL[Rights and Permissions](#)**22. The paradoxical success of fuzzy logic**

Elkan, C.; Berenji, H.R.; Chandrasekaran, B.; de Silva, C.J.S.; Attikiouzel, Y.; Dubois, D.; Prade, H.C.; Garcia, O.N.; Klir, G.J.; Bo Yuan; Mamdani, E.H.; Pelletier, F.J.; Rusconi, E.H.; Turksen, B.; Vac Pei-Zhuang Wang; Sie-Keng Tan; Shaohua Tan; Yager, R.R.; Zadeh, L.A.;
[Expert, IEEE \[see also IEEE Intelligent Systems and Their Applications\]](#)

Volume 9, Issue 4, Aug 1994 Page(s):3 - 49

Digital Object Identifier 10.1109/64.336150

[AbstractPlus](#) | Full Text: [PDF\(4739 KB\)](#) IEEE JNL[Rights and Permissions](#)**23. AI, knowledge, and the quest for smart systems**

Chandrasekaran, B.;

[Expert, IEEE \[see also IEEE Intelligent Systems and Their Applications\]](#)

Volume 9, Issue 6, Dec. 1994 Page(s):2 - 5

Digital Object Identifier 10.1109/64.363254

[AbstractPlus](#) | Full Text: [PDF\(560 KB\)](#) IEEE JNL[Rights and Permissions](#)**24. What are ontologies, and why do we need them?**

Chandrasekaran, B.; Josephson, J.R.; Benjamins, V.R.;

[Intelligent Systems and Their Applications, IEEE \[see also IEEE Intelligent Systems\]](#)

Volume 14, Issue 1, Jan.-Feb. 1999 Page(s):20 - 26

Digital Object Identifier 10.1109/5254.747902

[AbstractPlus](#) | References | Full Text: [PDF\(776 KB\)](#) IEEE JNL[Rights and Permissions](#)**25. Exploring Robustness of Plans for Simulation-Based Course of Action Planning: A Framework**

Chandrasekaran, B.; Goldman, Mark;

[Computational Intelligence in Multicriteria Decision Making, IEEE Symposium on](#)

1-5 April 2007 Page(s):185 - 192

Digital Object Identifier 10.1109/MCDM.2007.369435

[AbstractPlus](#) | Full Text: [PDF\(264 KB\)](#) IEEE CNF[Rights and Permissions](#)[Help](#) [Contact Us](#) [Privacy](#)

© Copyright 2006 IE


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [AIE](#)

Welcome United States Patent and Trademark Office

 [Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#) [e-mail](#)

Results for "(chandrasekaran b.<in>au)"

Your search matched 34 of 1585504 documents.

A maximum of 34 results are displayed, 25 to a page, sorted by **Relevance in Descending** order.» [Search Options](#)[View Session History](#)[New Search](#)[Modify Search](#)

(chandrasekaran b.<in>au)

 Check to search only within this results set» [Key](#)Display Format: Citation Citation & Abstract

IEEE JNL IEEE Journal or Magazine

[Select All](#) [Deselect All](#)

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

26. [Multi-criterial Decision-Making and the Cognitive Architecture of Problem Solving](#)

Chandrasekaran, B.;
Computational Intelligence in Multicriteria Decision Making, IEEE Symposium on
 1-5 April 2007 Page(s):235 - 235
 Digital Object Identifier 10.1109/MCDM.2007.369443
[AbstractPlus](#) | Full Text: [PDF\(44 KB\)](#) IEEE CNF
[Rights and Permissions](#)

27. [Adaptation of stochastic automata in nonstationary environments](#)

Chandrasekaran, B.; Shen, D.W.C.;
Adaptive Processes, Sixth Symposium on
 Volume 6, Part 1, Oct. 1967 Page(s):39 - 44
 Digital Object Identifier 10.1109/SAP.1967.272973
[AbstractPlus](#) | Full Text: [PDF\(611 KB\)](#) IEEE CNF
[Rights and Permissions](#)

28. [Performance Comparison of MPI Implementations over InfiniBand, Myrinet and Quadrics](#)

Jiuxing Liu; Chandrasekaran, B.; Jiesheng Wu; Weihang Jiang; Kini, S.; Weikuan Yu; Buntinas, D.; D.K.;
Supercomputing, 2003 ACM/IEEE Conference
 15-21 Nov. 2003 Page(s):58 - 58
 Digital Object Identifier 10.1109/SC.2003.10007
[AbstractPlus](#) | Full Text: [PDF\(408 KB\)](#) IEEE CNF
[Rights and Permissions](#)

29. [Representation, organization, and use of topographic models of physical spaces for route p](#)

Goel, A.K.; Callantine, T.J.; Shankar, M.; Chandrasekaran, B.;
Artificial Intelligence Applications, 1991. Proceedings., Seventh IEEE Conference on
 Volume 1, 24-28 Feb. 1991 Page(s):308 - 314
 Digital Object Identifier 10.1109/CAIA.1991.120886
[AbstractPlus](#) | Full Text: [PDF\(692 KB\)](#) IEEE CNF
[Rights and Permissions](#)

30. [Micro-benchmark level performance comparison of high-speed cluster interconnects](#)

Jiuxing Liu; Chandrasekaran, B.; Weikuan Yu; Jiesheng Wu; Buntinas, D.; Kini, S.; Wyckoff, P.; Pa
High Performance Interconnects, 2003. Proceedings. 11th Symposium on
 20-22 Aug. 2003 Page(s):60 - 65

[AbstractPlus](#) | Full Text: [PDF\(269 KB\)](#) IEEE CNF[Rights and Permissions](#)

31. QoS-aware middleware for cluster-based servers to support interactive and resource-adapti
Senapathi, S.; Chandrasekaran, B.; Stredney, D.; Shen, H.; Panda, D.K.;
[High Performance Distributed Computing, 2003. Proceedings, 12th IEEE International Symposium](#)
22-24 June 2003 Page(s):205 - 214
[AbstractPlus](#) | Full Text: [PDF\(10184 KB\)](#) IEEE CNF
[Rights and Permissions](#)
32. A task structure for case-based design
Goel, A.K.; Chandrasekaran, B.;
[Systems, Man and Cybernetics, 1990. Conference Proceedings., IEEE International Conference on](#)
4-7 Nov. 1990 Page(s):587 - 592
Digital Object Identifier 10.1109/ICSMC.1990.142181
[AbstractPlus](#) | Full Text: [PDF\(524 KB\)](#) IEEE CNF
[Rights and Permissions](#)
33. Functional Representation And Program Debugging
Allemand, D.; Chandrasekaran, B.;
[Knowledge-Based Software Engineering Conference, 1991. Proceedings., 6th Annual](#)
September 22-25, 1991 Page(s):136 - 143
[AbstractPlus](#) | Full Text: [PDF\(584 KB\)](#) IEEE CNF
[Rights and Permissions](#)
34. Integration of qualitative and quantitative methods in visual reasoning
Narayanan, N.H.; Chandrasekaran, B.;
[AI, Simulation, and Planning in High Autonomy Systems, 1991. 'Integrating Qualitative and Quantit](#)
Knowledge', Proceedings of the Second Annual Conference on
1-2 April 1991 Page(s):272 - 278
Digital Object Identifier 10.1109/AIHAS.1991.138484
[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) IEEE CNF
[Rights and Permissions](#)